

Thursday, December 1, 2016 – Electronic filing

To: The Office of the Secretary, Federal Communications Commission, Washington, DC 2055

Regarding:

The Boeing Company, Application for Authority to launch and Operate a Non-Geostationary Low Earth Orbit Satellite System in the Fixed Satellite Service.

IBFS File No. SAT-LOA-20160622-00058

DA Docket No. 16-1244

Dear Ms. Dortch,

I am writing in opposition to the Boeing application to provide wireless internet from satellite.

I have been personally affected by wireless infrastructure since 2010, when I become severely disabled after cell towers were built behind my home. I have been formally diagnosed with being severely electrosensitive by numerous Occupational Health Physicians and an Environmental Health doctor. Until 4 ½ years ago I was flying at Air Canada as a Captain on the A320. Now I am on paid disability specifically for my condition.

I know after working with a satellite engineer that works on this type of satellite technology that the levels of radiation will be too high for sensitive persons in the population.

I am also aware that Canada has millimeter wave sharing agreements already put in place with the United States, so there will be no public consultation for those of us in Canada who will be affected by the FCC's decision to allow this.

I work with a group of people who have formed a non-profit here in Canada to help those who are now extremely injured by wireless exposures. I am literally inundated with calls for help that I can't keep up with. Where are these people supposed to go if wi-fi will be everywhere on the planet? It's already impossible for this group of people to be in hospital, work, go out into society, live in their homes, go outside in places with stronger cell phone coverage, etc. There are people in my area living outside in tents with their children, in the snow! Many have perfectly good houses but they have ended up in cars, unable to go home. This has happened suddenly to me twice when neighbours installed wi-fi that projected into my house. One time I was unable to go home for 5 months, having to stay down in Green Bank, WV as I had nowhere else I could go.

There is also overwhelming scientific data that this technology is causing biological harm. The US Government's own recent NTP study regarding rats developing brain tumours from cell phone exposure is evidence of that and should be enough to postpone further wireless infrastructure development. <http://ntp.niehs.nih.gov/results/areas/cellphones/index.html> All wireless is already classified as a possible 2B carcinogen. This will be probably be changed to a 1 or 2A in the near future. It is wrong to expose all life on this planet to something already regarded as a threat.

I would certainly discuss this further with anyone from the FCC or Boeing. We need to work together to find a solution that will not cause further harm to people, wildlife and the environment; but will still provide internet access to the world. It is possible.

Melissa Chalmers